

CLAIMS

What Is Claimed Is:

1. A method in a mobile terminal for providing support for IP signaling, wherein the mobile terminal is in communication with a local user's terminal equipment and is also in communication with a radio network, the method comprising the steps of:
 - terminating a PATH message transmitted by the user's terminal equipment;
 - determining whether to create a new PDP context or modify an existing PDP context based on the RSVP parameters contained in the PATH message; and
 - transmitting a request to create or modify the PDP context through the radio network.
2. The method of claim 1, further comprising the steps of:
 - receiving a response to the request to create or modify a PDP context from the radio network;
 - generating a RESV message based on the response; and
 - transmitting the RESV message to the terminal equipment.
3. The method of claim 1, further comprising the steps of:
 - instantiating an RSVP proxy in a mode which terminates the IP signaling, whereby the RSVP proxy terminates PATH messages received from the terminal equipment and generates a RESV response based on the PATH message.
4. The method of claim 3, further comprising the steps of:
 - receiving a message from the radio network;
 - determining from the message whether an application in the terminal equipment requires RSVP signaling;
 - generating a PATH message;
 - transmitting the PATH message to the terminal equipment;
 - receiving a RESV message from the terminal equipment;
 - determining requirements for a PDP context; and
 - transmitting a request to create or modify the PDP context through the radio network.

5. A method in a mobile terminal for providing support for IP signaling, wherein the mobile terminal is in communication with a local user's terminal equipment and is also in communication with a radio network, the method comprising the steps of:

receiving a message from the radio network;

5 determining from the message whether an application in the terminal equipment requires RSVP signaling;

generating a PATH message;

transmitting the PATH message to the terminal equipment;

receiving a RESV message from the terminal equipment;

10 determining requirements for a PDP context; and

transmitting a request to create or modify the PDP context through the radio network.

6. The method of claim 5, further comprising the steps of:

running a timer appropriate for RSVP procedures; and

15 transmitting the PATH message to the terminal equipment when the timer expires.

7. A method in a mobile terminal for providing support for IP signaling, wherein the mobile terminal is in communication with a local user's terminal equipment and is also in communication with a radio network, the method comprising the steps of:

20 receiving a PATH message transmitted by the user's terminal equipment;

modifying the PATH message according to a local configuration;

transmitting the modified PATH message to the radio network;

receiving a RESV message from the radio network in response to the PATH message;

determining whether to create a new PDP context or modify an existing PDP context

25 based on RSVP parameters contained in the RESV message;

transmitting a request to create or modify the PDP context through the radio network;

receiving a response to the request to create or modify a PDP context from the radio network; and

transmitting the RESV message to the terminal equipment.

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8. A method in a mobile terminal for providing support for IP signaling, wherein the mobile terminal is in communication with a local user's terminal equipment and is also in communication with a radio network, the method comprising the steps of:

receiving a PATH message from the radio network;
transmitting the PATH message to the terminal equipment;
receiving a RESV message from the terminal equipment;
determining from the RESV message the requirements for a PDP context;
5 transmitting a request to create or modify the PDP context through the radio network;
receiving a response to the request to create or modify the PDP context from the radio network; and
transmitting the RESV message to the radio network.

- 10 9. A method to include IP QoS information in a PDP context and to carry the QoS information through a UMTS network, the method comprising the steps of:
including the QoS information in the PDP context; and
interworking between the QoS information and RSVP in a GGSN.

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